

We claim:

1. A disease management system comprising:
data collection means;
data interpretation means; and
therapeutic dispensing means, wherein said data collection means is used to obtain disease state information from a patient having a disease wherein said patient is located remotely relative to said data interpretation means and said therapeutic dispensing means and wherein said data interpretation means is located on a computer-readable medium and provides diagnostic, prognostic and therapeutic information useful for the management of said disease of said patient.
2. The disease management system of claim 1 wherein said data collection means comprises a non-physician healthcare worker or a laboratory.
3. The disease management system of claim 2 wherein said data collection means comprises a non-physician healthcare worker.
4. The disease management system of claim 2 wherein said data collection means comprises a laboratory.
5. The disease management system of claim 1 wherein said data interpretation means comprises an algorithm or a physician specialist.
6. The disease management system of claim 5 wherein said data interpretation means comprises an algorithm
7. The disease management system of claim 5 wherein said data interpretation means comprises a physician specialist.
8. The disease management system of claim 1 wherein said therapeutic dispensing means comprises a pharmacy.
9. The disease management system of claim 1 wherein said computer-readable medium is a selected from the group consisting of hard drives, floppy disks, CD-ROMs, zip drives and flash drives.
10. The disease management system of claim 1 wherein said disease is human immunodeficiency (HIV) disease or acquired immune deficiency syndrome (AIDS).
11. The disease management system of claim 1 wherein said patient is a human.

12. A disease management system comprising:
data collection means;
data interpretation means; and
therapeutic dispensing means, wherein said data interpretation means
comprises the algorithm of Figure 4.

13. The disease management system of claim 12 wherein said data
collection means comprises a non-physician healthcare worker or a laboratory.

14. The disease management system of claim 13 wherein said data
collection means comprises a non-physician healthcare worker.

15. The disease management system of claim 13 wherein said data
collection means comprises a laboratory.

16. The disease management system of claim 12 wherein said data
interpretation means comprises an algorithm or a physician specialist.

17. The disease management system of claim 16 wherein said data
interpretation means comprises an algorithm.

18. The disease management system according to any one of claims 12,
16 or 17 wherein said algorithm is stored on a computer-readable medium.

19. The disease management system of claim 16 wherein said data
interpretation means comprises a physician specialist.

20. The disease management system of claim 12 wherein said therapeutic
dispensing means comprises a pharmacy.

21. The disease management system of claim 12 wherein said computer-
readable medium is selected from the group consisting of hard drives, floppy disks,
CD-ROMs, zip drives and flash drives.

22. The disease management system of claim 12 wherein said disease is
HIV disease or AIDS.

23. The disease management system of claim 12 wherein said patient is a
human.

24. An HIV-related disease management system comprising:
a data collection means for collecting data;
a data interpretation means for interpreting said data; and
a therapeutic dispensing means for providing therapy useful for treating
said HIV-related disease, wherein said data collection means is used to obtain

disease state information from a patient having a HIV-related disease wherein said patient is located remotely relative to said data interpretation means and said therapeutic dispensing means and wherein said data interpretation means is located on a computer-readable medium and provides diagnostic, prognostic and therapeutic information useful for the management of said disease of said patient.

25. The disease management system of claim 24 wherein said data comprises a patient history and CD4 levels.

26. The disease management system of claim 24 wherein the therapy comprises High Activity Anti-Retroviral Therapy (HAART).

27. A method for managing disease in a patient located remotely relative to data interpretation means and therapeutic dispensing means comprising:

collecting a first set of data from said remotely located patient;

interpreting said first set of data in order to determine an appropriate first therapeutic regimen for said remotely located patient;

dispensing said first therapeutic regimen to said remotely located patient;

collecting at least one second set of data from

interpreting said at least one second set of data in order to determine the appropriateness of continuing or stopping said first therapeutic regimen or altering said first therapeutic regimen for said remotely located patient; and

wherein said first and at least one second interpreting step comprises an algorithm located on a computer-readable medium that provides diagnostic, prognostic and therapeutic information useful for the management of said disease of said patient.

28. The method for managing disease in a patient of claim 27 wherein said data is collected by a non-physician healthcare worker or a laboratory.

29. The method for managing disease in a patient of claim 28 wherein said data is collected by a non-physician healthcare worker.

30. The method for managing disease in a patient of claim 28 wherein said data is collected by a laboratory.

31. The method for managing disease in a patient of claim 27 wherein said data interpretation means comprises an algorithm or a physician specialist.

32. The method for managing disease in a patient of claim 31 wherein said data interpretation means comprises an algorithm.

33. The method for managing disease in a patient of claim 31 wherein said data interpretation means comprises a physician specialist.

34. The method for managing disease in a patient of claim 27 wherein said therapeutic dispensing means comprises a pharmacy.

35. The method for managing disease in a patient of claim 27 wherein said computer-readable medium is a selected from the group consisting of hard drives, floppy disks, CD-ROMs, zip drives and flash drives.

36. The method for managing disease in a patient of claim 27 wherein said disease is HIV disease or AIDS.

37. The method for managing disease in a patient of claim 27 wherein said patient is a human.

38. The method for managing disease in a patient according to claim 27 wherein said algorithm is the algorithm of Figure 4.

39. A method for disease management comprising:

collecting data;

interpreting data; and

dispensing a therapeutic useful for treating said disease, wherein said interpretation of data is performed according to the algorithm of Figure 4.